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Docket No.: R2184.0305/P305  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Tetsuya Ogata, et al.

Application No.: 10/798,362

Art Unit: 2655

Filed: March 12, 2004

Examiner: Not Yet Assigned

For: TILT SENSOR USING DIFFRACTION  
GRATING

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)). Copies of the Foreign Patent Documents and Non Patent Literature Document listed on the PTO/SB/08 are attached.

The Examiner's attention is further directed to the following applications:  
10/438,920, filed on May 16, 2003; 10/411,290, filed April 11, 2003; 10/414,047, filed April 16, 2003; 10/254,635, filed September 26, 2002; 09/922,746, filed August 7, 2001;

09/864,569, filed May 24, 2001; 09/800,586, filed March 8, 2001; 08/291,912, filed August 17, 1994; and 07/504,118, filed April 3, 1990. Copies of the claims, abstract and drawings for U.S. Patent Application Nos. 291,912, 504,118 and 864,569 filed August 17, 1994, April 3, 1990 and May 24, 2001, are also enclosed.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. R2184.0305/P305.

Dated: June 16, 2004

Respectfully submitted,

By 

Mark J. Thronson

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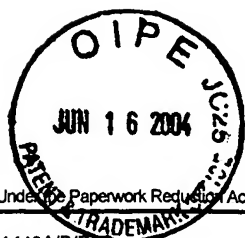
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PTO/SB/08a/b (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/798,362
Filing Date	March 12, 2004
First Named Inventor	Tetsuya Ogata
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	R2184.0305/P305

Sheet	1	of	1
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US 2002/0093902-A1	7-2002	Hirai et al.	
		US 2002/0018432-A1	2-2002	Ohuchida	
		US 2002/0018433-A1	2-2002	Ohuchida	
		US 2003/0214898-A1	11-2003	Ogata et al.	
		US 2003/0072047-A1	4-2003	Funato et al.	
		5,015,835	5-1991	Ohuchida et al.	
		5,101,389	3-1992	Ohuchida et al.	
		5,107,359	4-1992	Ohuchida	
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		5,231,620	7-1993	Ohuchida	
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		5,278,817	1-1994	Maeda et al.	
		5,281,802	1-1994	Kitabayashi	
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		5,428,588	6-1995	Ohuchida	
		5,487,058	1-1996	Kitabayashi	
		5,684,779	11-1997	Ohuchida et al.	
		5,956,302	9-1999	Maeda et al.	
		6,584,060	6-2003	Oohchida	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP-57179954-A	11-1982			
		JP-05006561-A	1-1993			
		JP-05006562-A	1-1993			
		JP-08320217-A	12-1996			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**NON PATENT LITERATURE DOCUMENT**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		J. Koyama, et al. "Light Wave Electronics", Corona, July 15, 1993; pp. 117-132	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.